



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/077519 A1

(51) International Patent Classification⁷: B01J 8/02,
F28D 9/00

(21) International Application Number: PCT/EP2004/014520

(22) International Filing Date:
21 December 2004 (21.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
04003164.3 12 February 2004 (12.02.2004) EP

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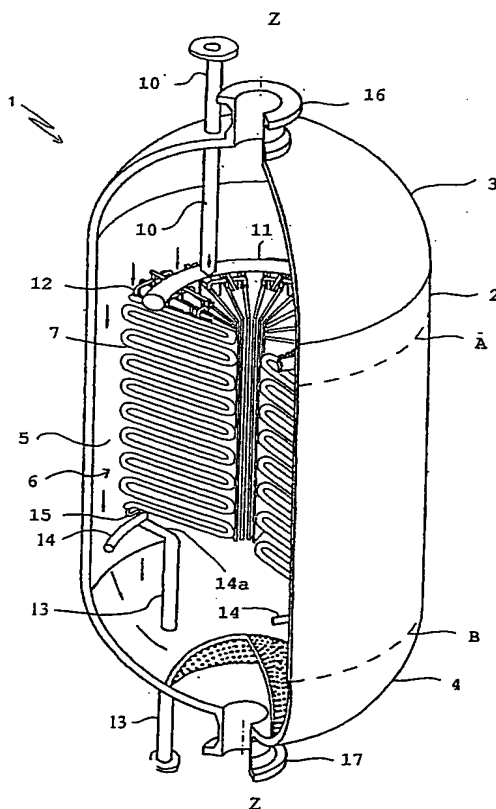
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

[Continued on next page]

(54) Title: PSEUDO-ISOTHERMAL CHEMICAL REACTOR FOR HETEROGENEOUS CHEMICAL REACTIONS

(57) **Abstract:** Pseudo-isothermal chemical reactor for heterogeneous chemical reactions comprising a substantially cylindrical shell closed at the opposite ends by respective bottoms, upper and lower, a reaction zone containing at least one catalytic bed and at least one tubular heat exchanger, intended to be crossed, along a predetermined direction, by an operating heat exchange fluid and embedded in said catalytic bed.





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SE, SI, SK, TR), OAPI (BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

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